

# Peter K. Ssendegeya

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## SUMMARY

Performance-driven individual, technologically-savvy and self-taught in the field of software development. Searching for a software engineering internship role where I can learn and use my skills to effectively solve business challenges.

## RELEVANT EXPERIENCE

### Freelance work

June 2022 – present

- With only half a year of experience in front-end and back-end development, I have honed skills in building dynamic and responsive websites. My expertise in HTML, CSS, JavaScript and various front-end frameworks such as React and Bootstrap has allowed me to create visually appealing and user-friendly websites. Proficiency in back-end technologies such as PHP and Python has enabled me to create efficient and scalable web applications.

### Fahamisha Uganda

Apr 2022 – present

*Technical and marketing team*

- Helping micro and small businesses to go digital with the help of Google technologies, that is, designing business websites using google sites and *Whatsapp* shops for the businesses.
- Providing training clients of SMEs on how to use the technologies(Google sites and *Whatsapp* shops) on their own with our tech support in the long run.

## SKILLS

- **Front-end web development**
  - Built and deployed dynamic and responsive websites using html, css, javascript with frameworks such as Bootstrap and React. The experience here was mostly gained in my freelance work.
- **Back-end web development**
  - Developed a school assessment management system for a school project using C, PHP and MySQL. The students' interface for the system was the command line interface developed using C and the teachers' interface was the front end web application .The system allowed teachers to create, edit and manage assessments, as well as track student progress and generate reports. I gained experience working with PHP and MySQL, using them to create a dynamic and secure system that can handle a large amount of data.
  - Developed a cake ordering platform for a school project using Django, a high-level Python web framework. The platform allowed users to select from a variety of cakes, customize their orders, and make payments. I gained experience working with Django's built-in functionality for handling user authentication and authorization, as well as its ORM for interacting with the database. Additionally, I utilized Bootstrap for the front-end

design and JavaScript for added functionality. The project allowed me to gain hands-on experience with web development and familiarize myself with the basics of e-commerce platforms.

- **Data science using Python**

- Recently I explored the field of data science with a focus on using Python as my primary programming language. I have a basic understanding of the Python libraries such as NumPy, pandas, and scikit-learn for data manipulation and analysis. I have also gained experience using the Anaconda distribution and the Jupyter notebook for data science projects, which allows me to easily organize and document my code and results.

- **Mobile Application Development**

- Have worked on development of mobile applications using Flutter, a free and open-source mobile application development framework created by Google. My experience with Flutter includes creating basic mobile apps with a clean and user-friendly interface. I have developed a basic understanding of Dart programming language which is used to build apps in Flutter, and I have also gained experience with the framework's rich set of customizable widgets, which allows for fast development and a high degree of code reusability.

- **UI/UX (Figma)**

- Worked on a user interface prototype for the redesign of Mulago National Referral Hospital website using Figma. This prototype was meant to point out a few design problems of the current hospital website.
- Worked on a few other personal designs and mobile application prototypes

## EDUCATION

### **Makerere University, Uganda**

January 2021 - present

*B.Sc. Software Engineering*

(Ongoing: 3rd year in Fall 2022)

### **King's College Budo**

February 2014 - November 2019

*Uganda Advanced Certificate of Education (2019)*

*Uganda Certificate of Education (2017)*

## HOBBIES

- I play piano, guitar and violin
- I recite and write poems.
- I play chess, football, basketball and tennis